

FARM MACHINERY AND PROCESSES MANAGEMENT IN SUSTAINABLE AGRICULTURE

XII INTERNATIONAL SCIENTIFIC SYMPOSIUM FMPMSA 2024

BOOK OF ABSTRACTS



Lublin, Poland 2024

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INTRODUCTION

International Scientific Symposium Farm Machinery and Processes Management in Sustainable Agriculture – FMPMSA, is organized for the twelve time. The first event which prompted collaboration in that respect, under the name of “Rational Mechanization of Family Farms”, took place in 1994 in Lublin and was organized by the University of Agriculture (now University of Life Sciences). Therefore, there is 30th round anniversary this year. A lot changed during those 30 years, not only the symposium. In 2006 we started collaboration with Walloon Agricultural Research Centre CRA-W in Gembloux, Belgium. It allows to extend the international reach of the symposium and to test the new areas of knowledge. New contacts as well as research partnership, with varies international partners, have been established. Throughout the years the symposium was organized not only in Poland but also in Gembloux, Belgium (2008 and 2015) and in Bari, Italy (2022).

Since 1994, the understanding of the "sustainable development" concept has significantly broaden and changed, which in the context of agriculture and its processes is reflected in papers presented at subsequent symposia. Detailed information about the presented papers and publications can be found on the website www.up.lublin.pl/fmpmsa.

This year's twelfth symposium takes place at the University of Life Sciences in Lublin. Traditionally, an field session is also organized - this time in one of the most modern beverage can factories in Europe - Ball Packaging Europe Lublin Sp. z o. o.

There are over 80 people from 13 countries registered for the symposium. The topics of the papers include issues related to the sustainability of processes and technology in agri-food economy. This publication contains abstracts of papers arranged alphabetically by the name of the first author. Additionally, to make it easier to find interesting topics, a list of keywords has been developed at the end of the book.

Selected papers, after positive reviews, will be published in a book series Lecture Notes in Civil Engineering by Springer.

Edmund Lorencowicz, Jacek Uziak, Bruno Huyghebaert
Editors